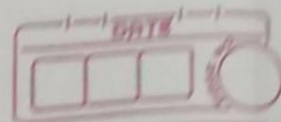


①

Practical No :- 02



To Distinguish client-server architecture Internet, www, web Browser & Web Server...

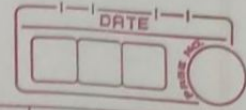
PRN :- 2019BTECS00070, Sign :- PKilledan

- Problem statement 1:- Study & distinguish the following Concepts in your words:
  - ① Client server Architecture, Internet & World Wide Web
  - ② Web Browser & web Servers:-

① client-server Architecture	Internet	World wide web
① It is the medium through which clients access the resources & services from a central computer, via the LAN/WAN	The Internet is a vast network that connects computers all over the world.	It is also known as Web, & is a collection of websites or web pages stored in web servers & connected to local computers.
② Network Services: e-mail, file sharing, printing & other world wide Web	Through the internet, people can share the information to communicate from anywhere with an Internet connection	Over the Internet using their devices such as computers, laptops, cell phones etc.



②



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2)

Web Browser

Web Server.

Web Browser is an Application program that displays a world wide web document & usually uses the internet service to access the document.

It is a program on the Computer that provide service to other programs called as "client".

2)

It request the server for web document & services

The web server accept, approve & responds to the request made by web browser.

③

It sends an HTTP request & gets an HTTP response.

The Web Server gets HTTP Requests & Sends HTTP responses.

④

Doesn't exist any processing model for the web browser

There exists three types of processing models for web Servers.

• Problem statement 2 :- Study & Describe the following Concepts in your words:-

① Hyper Text:-

② Hyper link:-

③ HTTP

④ HTTP Status Codes with meaning.

→

①

Hyper text:-

HyperText is a Text displayed on a Computer display or other electronic devices with references to other Text that the reader Can immediately access. It's



③

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Documents are interconnected by Hyper links, which are typically activated by a mouse click, key press or Screen touch, is also sometimes used to describe tables, images & other Presentational Content formats with integrated hypothesis.

## ② Hyperlinks:-

A Hyperlink is an element, is an HTML document that links to another portion of the document that links on webpages, hyper links are usually colored & are sometimes underlined. A Hyperlink can be thought of as an interface that links a to a target, clicking the hyperlink at the source will migrate to the target.

- \* Text
- \* Images
- \* URL'S
- \* Controls

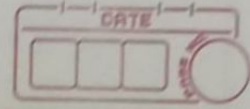
## ③ HTTP:-

A HyperText Transfer protocol is an application for Distributed, Collaborative users to Communicate data on the World Wide Web. HTTP was invented alongside HTML to create the fast, interactive, text-based web browser, the original World Wide Web protocol remains of using Internet.

## ④ HTTP Status Codes with Meaning:-

HTTP defines these Standard Status Codes that can be used to convey the results of a Client's request. The Status Codes are divided into five categories

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- ① 1XX:- Informational - Communicates transfer - Protocol level Information.
- ② 2xx:- Success Indicates that the Clients request was accepted Successfully.
- ③ 3xx Redirection:- Indicates that the client must take some additional action in order to Compute their request.
- ④ 4xx:- Client Error:- This Category or error status codes provides the finger at clients.
- ⑤ 5xx:- Server Error:- The server takes responsibility for these error status codes.